

## Refine Search

### Search Results

Term	Documents
MUCOUS	48825
MUCOU	16
MUCOSAL\$	0
MUCOSAL	53546
MUCOSALABSORPTION	1
MUCOSALCELLS	2
MUCOSALCUTANEOUS	1
MUCOSALDIS	1
MUCOSALF	1
MUCOSALI	2
MUCOSALIGA	1
(L130 and (mucosal\$ or mucous or mucos\$)).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	49

There are more results than shown above. [Click here to view the entire set.](#)

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US Patents OCR Backfile  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletin Database

Search Type: ☒ Prior Art ☐ Interference

Search:

L131

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### Search History

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<i>Prior Art Searches</i>				
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=AND</i>				
<a href="#"><u>L131</u></a>	L130 and (mucosal\$ or mucous or mucos\$)	49	<a href="#"><u>L131</u></a>	<a href="#"><u>L131</u></a>
<a href="#"><u>L130</u></a>	L128 not L129	57	<a href="#"><u>L130</u></a>	<a href="#"><u>L130</u></a>
<a href="#"><u>L129</u></a>	L128@ay>2004	136	<a href="#"><u>L129</u></a>	<a href="#"><u>L129</u></a>
<a href="#"><u>L128</u></a>	L126 and ((vulnificus) or (typhimurium) or (monocytogenes))	193	<a href="#"><u>L128</u></a>	<a href="#"><u>L128</u></a>
<a href="#"><u>L127</u></a>	L126 and ((Vibrio adj vulnificus) or (vulnificus))	9	<a href="#"><u>L127</u></a>	<a href="#"><u>L127</u></a>
<a href="#"><u>L126</u></a>	L125 and (adjuvant or vaccin\$ or immuniz\$ or immunogen\$ or immun\$ or response)	507	<a href="#"><u>L126</u></a>	<a href="#"><u>L126</u></a>
<a href="#"><u>L125</u></a>	L124 and ((toll adj receptor) or TLR)	507	<a href="#"><u>L125</u></a>	<a href="#"><u>L125</u></a>
<a href="#"><u>L124</u></a>	L123 and response	4451	<a href="#"><u>L124</u></a>	<a href="#"><u>L124</u></a>
<a href="#"><u>L123</u></a>	L81 and (challenge\$ or intra\$ or administ\$ or inject\$ or inocul\$)	6983	<a href="#"><u>L123</u></a>	<a href="#"><u>L123</u></a>
<a href="#"><u>L122</u></a>	L121 and ((administ\$ near flagell\$) or (immuniz\$ near flagell\$) or (intra near flagell\$))	3	<a href="#"><u>L122</u></a>	<a href="#"><u>L122</u></a>
<a href="#"><u>L121</u></a>	L120 and response	218	<a href="#"><u>L121</u></a>	<a href="#"><u>L121</u></a>
<a href="#"><u>L120</u></a>	L119 and (vaccin\$ or immun\$)	223	<a href="#"><u>L120</u></a>	<a href="#"><u>L120</u></a>
<a href="#"><u>L119</u></a>	L118 and (Vibrio or Salmonella or Listeria)	225	<a href="#"><u>L119</u></a>	<a href="#"><u>L119</u></a>
<a href="#"><u>L118</u></a>	L117 and flagell\$	234	<a href="#"><u>L118</u></a>	<a href="#"><u>L118</u></a>
<a href="#"><u>L117</u></a>	L115 not L116	234	<a href="#"><u>L117</u></a>	<a href="#"><u>L117</u></a>
<a href="#"><u>L116</u></a>	L115@ay>2004	176	<a href="#"><u>L116</u></a>	<a href="#"><u>L116</u></a>
<a href="#"><u>L115</u></a>	L114 and (administ\$ or intra)	410	<a href="#"><u>L115</u></a>	<a href="#"><u>L115</u></a>
<a href="#"><u>L114</u></a>	L113 and (typhimurium or monocytogenes or vulnificus)	1494	<a href="#"><u>L114</u></a>	<a href="#"><u>L114</u></a>
<a href="#"><u>L113</u></a>	L112 and (adjuvant or vaccine or immuniz\$ or immunogen\$ or immun\$ or response)	5852	<a href="#"><u>L113</u></a>	<a href="#"><u>L113</u></a>
<a href="#"><u>L112</u></a>	flagel\$ or flagellar\$ or flagellin	8461	<a href="#"><u>L112</u></a>	<a href="#"><u>L112</u></a>
<a href="#"><u>L111</u></a>	chonnam adj national adj university.as.	16	<a href="#"><u>L111</u></a>	<a href="#"><u>L111</u></a>
<a href="#"><u>L110</u></a>	L109 and flagel\$.clm.	15	<a href="#"><u>L110</u></a>	<a href="#"><u>L110</u></a>
<a href="#"><u>L109</u></a>	L108 and flag\$.clm.	1829	<a href="#"><u>L109</u></a>	<a href="#"><u>L109</u></a>
<a href="#"><u>L108</u></a>	rhee.in. or lee.in. or kim.in.	969617	<a href="#"><u>L108</u></a>	<a href="#"><u>L108</u></a>
<a href="#"><u>L107</u></a>	L106 and flag\$	12	<a href="#"><u>L107</u></a>	<a href="#"><u>L107</u></a>
<a href="#"><u>L106</u></a>	industry adj foundation.as.	838	<a href="#"><u>L106</u></a>	<a href="#"><u>L106</u></a>
<a href="#"><u>L105</u></a>	CHONNAM adj NATIONAL.as.	19	<a href="#"><u>L105</u></a>	<a href="#"><u>L105</u></a>
<a href="#"><u>L104</u></a>	L102 and flag\$.clm.	15	<a href="#"><u>L104</u></a>	<a href="#"><u>L104</u></a>

<a href="#">L103</a>	L102 and flag.clm.	0	<a href="#">L103</a>	<a href="#">L103</a>
<a href="#">L102</a>	L101 and flagel\$	248	<a href="#">L102</a>	<a href="#">L102</a>
<a href="#">L101</a>	rhee.in. or lee.in. or kim.in.	969617	<a href="#">L101</a>	<a href="#">L101</a>
<a href="#">L100</a>	L98 not L99	16	<a href="#">L100</a>	<a href="#">L100</a>
<a href="#">L99</a>	L98@ay>2004	12	<a href="#">L99</a>	<a href="#">L99</a>
<a href="#">L98</a>	L81 and flag.clm.	28	<a href="#">L98</a>	<a href="#">L98</a>
<a href="#">L97</a>	L95 not L96	88	<a href="#">L97</a>	<a href="#">L97</a>
<a href="#">L96</a>	L95@ay>2004	73	<a href="#">L96</a>	<a href="#">L96</a>
<a href="#">L95</a>	L94 and L84	161	<a href="#">L95</a>	<a href="#">L95</a>
<a href="#">L94</a>	L93 and (immun\$ or response)	1481	<a href="#">L94</a>	<a href="#">L94</a>
<a href="#">L93</a>	L81 and ((vulnificus) or (typhimurium) or (monocytogenes))	1578	<a href="#">L93</a>	<a href="#">L93</a>
<a href="#">L92</a>	L81 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	3	<a href="#">L92</a>	<a href="#">L92</a>
<a href="#">L91</a>	L90@ay>2004	3	<a href="#">L91</a>	<a href="#">L91</a>
<a href="#">L90</a>	L84 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	3	<a href="#">L90</a>	<a href="#">L90</a>
<a href="#">L89</a>	L88 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	0	<a href="#">L89</a>	<a href="#">L89</a>
<a href="#">L88</a>	L85 not L86	85	<a href="#">L88</a>	<a href="#">L88</a>
<a href="#">L87</a>	L85 no tl6	0	<a href="#">L87</a>	<a href="#">L87</a>
<a href="#">L86</a>	L85@ay>2004	53	<a href="#">L86</a>	<a href="#">L86</a>
<a href="#">L85</a>	L84 and (vaccin\$ or prevent\$ or prophyl\$)	138	<a href="#">L85</a>	<a href="#">L85</a>
<a href="#">L84</a>	L83 and (challeng\$ or intra\$ or administ\$ or inject\$ or inocul\$)	161	<a href="#">L84</a>	<a href="#">L84</a>
<a href="#">L83</a>	L82 and (immun\$ or response)	167	<a href="#">L83</a>	<a href="#">L83</a>
<a href="#">L82</a>	L81 and ((Vibrio adj vulnificus) or (vulnificus))	174	<a href="#">L82</a>	<a href="#">L82</a>
<a href="#">L81</a>	flagellin adj B or flaB or flagellin or flagel\$	8984	<a href="#">L81</a>	<a href="#">L81</a>
<a href="#">L80</a>	L79 and (SEQ\$.clm.)	27	<a href="#">L80</a>	<a href="#">L80</a>
<a href="#">L79</a>	vibrio.clm. and vulnificus.clm.	69	<a href="#">L79</a>	<a href="#">L79</a>
<a href="#">L78</a>	L77 and flag\$	12	<a href="#">L78</a>	<a href="#">L78</a>
<a href="#">L77</a>	industry adj foundation.as.	838	<a href="#">L77</a>	<a href="#">L77</a>
<a href="#">L76</a>	CHONNAM adj NATIONAL.as.	19	<a href="#">L76</a>	<a href="#">L76</a>
<a href="#">L75</a>	L73 and flag\$.clm.	15	<a href="#">L75</a>	<a href="#">L75</a>
<a href="#">L74</a>	L73 and flag.clm.	0	<a href="#">L74</a>	<a href="#">L74</a>
<a href="#">L73</a>	L72 and flagel\$	248	<a href="#">L73</a>	<a href="#">L73</a>
<a href="#">L72</a>	rhee.in. or lee.in. or kim.in.	969617	<a href="#">L72</a>	<a href="#">L72</a>
<a href="#">L71</a>	L69 not L70	16	<a href="#">L71</a>	<a href="#">L71</a>

<a href="#">L70</a>	L69@ay>2004	12	<a href="#">L70</a>	<a href="#">L70</a>
<a href="#">L69</a>	L52 and flag.clm.	28	<a href="#">L69</a>	<a href="#">L69</a>
<a href="#">L68</a>	L66 not L67	88	<a href="#">L68</a>	<a href="#">L68</a>
<a href="#">L67</a>	L66@ay>2004	73	<a href="#">L67</a>	<a href="#">L67</a>
<a href="#">L66</a>	L65 and L55	161	<a href="#">L66</a>	<a href="#">L66</a>
<a href="#">L65</a>	L64 and (immun\$ or response)	1481	<a href="#">L65</a>	<a href="#">L65</a>
<a href="#">L64</a>	L52 and ((vulnificus) or (typhimurium) or (monocytogenes))	1578	<a href="#">L64</a>	<a href="#">L64</a>
<a href="#">L63</a>	L52 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	3	<a href="#">L63</a>	<a href="#">L63</a>
<a href="#">L62</a>	L61@ay>2004	3	<a href="#">L62</a>	<a href="#">L62</a>
<a href="#">L61</a>	L55 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	3	<a href="#">L61</a>	<a href="#">L61</a>
<a href="#">L60</a>	L59 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	0	<a href="#">L60</a>	<a href="#">L60</a>
<a href="#">L59</a>	L56 not L57	85	<a href="#">L59</a>	<a href="#">L59</a>
<a href="#">L58</a>	L56 no tl6	0	<a href="#">L58</a>	<a href="#">L58</a>
<a href="#">L57</a>	L56@ay>2004	53	<a href="#">L57</a>	<a href="#">L57</a>
<a href="#">L56</a>	L55 and (vaccin\$ or prevent\$ or prophyl\$)	138	<a href="#">L56</a>	<a href="#">L56</a>
<a href="#">L55</a>	L54 and (challeng\$ or intra\$ or administ\$ or inject\$ or inocul\$)	161	<a href="#">L55</a>	<a href="#">L55</a>
<a href="#">L54</a>	L53 and (immun\$ or response)	167	<a href="#">L54</a>	<a href="#">L54</a>
<a href="#">L53</a>	L52 and ((Vibrio adj vulnificus) or (vulnificus))	174	<a href="#">L53</a>	<a href="#">L53</a>
<a href="#">L52</a>	flagellin adj B or flaB or flagellin or flagel\$	8984	<a href="#">L52</a>	<a href="#">L52</a>
<a href="#">L51</a>	L50 and (mucosal\$ or mucous or mucos\$)	49	<a href="#">L51</a>	<a href="#">L51</a>
<a href="#">L50</a>	L48 not L49	57	<a href="#">L50</a>	<a href="#">L50</a>
<a href="#">L49</a>	L48@ay>2004	136	<a href="#">L49</a>	<a href="#">L49</a>
<a href="#">L48</a>	L46 and ((vulnificus) or (typhimurium) or (monocytogenes))	193	<a href="#">L48</a>	<a href="#">L48</a>
<a href="#">L47</a>	L46 and ((Vibrio adj vulnificus) or (vulnificus))	9	<a href="#">L47</a>	<a href="#">L47</a>
<a href="#">L46</a>	L45 and (adjuvant or vaccin\$ or immuniz\$ or immunogen\$ or immun\$ or response)	507	<a href="#">L46</a>	<a href="#">L46</a>
<a href="#">L45</a>	L44 and ((toll adj receptor) or TLR)	507	<a href="#">L45</a>	<a href="#">L45</a>
<a href="#">L44</a>	L43 and response	4451	<a href="#">L44</a>	<a href="#">L44</a>
<a href="#">L43</a>	L1 and (challeng\$ or intra\$ or administ\$ or inject\$ or inocul\$)	6983	<a href="#">L43</a>	<a href="#">L43</a>
<a href="#">L42</a>	L41 and ((administ\$ near flagell\$) or (immuniz\$ near flagell\$) or (intra near flagell\$))	3	<a href="#">L42</a>	<a href="#">L42</a>
<a href="#">L41</a>	L40 and response	218	<a href="#">L41</a>	<a href="#">L41</a>

<a href="#">L40</a>	L39 and (vaccin\$ or immun\$)	223	<a href="#">L40</a>	<a href="#">L40</a>
<a href="#">L39</a>	L38 and (Vibrio or Salmonella or Listeria)	225	<a href="#">L39</a>	<a href="#">L39</a>
<a href="#">L38</a>	L37 and flagell\$	234	<a href="#">L38</a>	<a href="#">L38</a>
<a href="#">L37</a>	L35 not L36	234	<a href="#">L37</a>	<a href="#">L37</a>
<a href="#">L36</a>	L35@ay>2004	176	<a href="#">L36</a>	<a href="#">L36</a>
<a href="#">L35</a>	L34 and (adminst\$ or intra)	410	<a href="#">L35</a>	<a href="#">L35</a>
<a href="#">L34</a>	L33 and (typhimurium or monocytogenes or vulnificus)	1494	<a href="#">L34</a>	<a href="#">L34</a>
<a href="#">L33</a>	L32 and (adjuvant or vaccine or immuniz\$ or immunogen\$ or immun\$ or response)	5852	<a href="#">L33</a>	<a href="#">L33</a>
<a href="#">L32</a>	flagel\$ or flagellar\$ or flagellin	8461	<a href="#">L32</a>	<a href="#">L32</a>
<a href="#">L31</a>	chonnam adj national adj university.as.	16	<a href="#">L31</a>	<a href="#">L31</a>
<a href="#">L30</a>	L29 and flagel\$.clm.	15	<a href="#">L30</a>	<a href="#">L30</a>
<a href="#">L29</a>	L28 and flag\$.clm.	1829	<a href="#">L29</a>	<a href="#">L29</a>
<a href="#">L28</a>	rhee.in. or lee.in. or kim.in.	969617	<a href="#">L28</a>	<a href="#">L28</a>
<a href="#">L27</a>	L26 and flag\$	12	<a href="#">L27</a>	<a href="#">L27</a>
<a href="#">L26</a>	industry adj foundation.as.	838	<a href="#">L26</a>	<a href="#">L26</a>
<a href="#">L25</a>	CHONNAM adj NATIONAL.as.	19	<a href="#">L25</a>	<a href="#">L25</a>
<a href="#">L24</a>	L22 and flag\$.clm.	15	<a href="#">L24</a>	<a href="#">L24</a>
<a href="#">L23</a>	L22 and flag.clm.	0	<a href="#">L23</a>	<a href="#">L23</a>
<a href="#">L22</a>	L21 and flagel\$	248	<a href="#">L22</a>	<a href="#">L22</a>
<a href="#">L21</a>	rhee.in. or lee.in. or kim.in.	969617	<a href="#">L21</a>	<a href="#">L21</a>
<a href="#">L20</a>	L18 not L19	16	<a href="#">L20</a>	<a href="#">L20</a>
<a href="#">L19</a>	L18@ay>2004	12	<a href="#">L19</a>	<a href="#">L19</a>
<a href="#">L18</a>	L1 and flag.clm.	28	<a href="#">L18</a>	<a href="#">L18</a>
<a href="#">L17</a>	L15 not L16	88	<a href="#">L17</a>	<a href="#">L17</a>
<a href="#">L16</a>	L15@ay>2004	73	<a href="#">L16</a>	<a href="#">L16</a>
<a href="#">L15</a>	L14 and L4	161	<a href="#">L15</a>	<a href="#">L15</a>
<a href="#">L14</a>	L13 and (immun\$ or response)	1481	<a href="#">L14</a>	<a href="#">L14</a>
<a href="#">L13</a>	L1 and ((vulnificus) or (typhimurium) or (monocytogenes))	1578	<a href="#">L13</a>	<a href="#">L13</a>
<a href="#">L12</a>	L1 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	3	<a href="#">L12</a>	<a href="#">L12</a>
<a href="#">L11</a>	L10@ay>2004	3	<a href="#">L11</a>	<a href="#">L11</a>
<a href="#">L10</a>	L4 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	3	<a href="#">L10</a>	<a href="#">L10</a>
<a href="#">L9</a>	L8 and (((Vibrio adj vulnificus) near flag\$) or (vulnificus near flag))	0	<a href="#">L9</a>	<a href="#">L9</a>
<a href="#">L8</a>	L5 not L6	85	<a href="#">L8</a>	<a href="#">L8</a>

<u>L7</u>	L5 no tl6	0	<u>L7</u>	<u>L7</u>
<u>L6</u>	L5@ay>2004	53	<u>L6</u>	<u>L6</u>
<u>L5</u>	L4 and (vaccin\$ or prevent\$ or prophyl\$)	138	<u>L5</u>	<u>L5</u>
<u>L4</u>	L3 and (challeng\$ or intra\$ or administ\$ or inject\$ or inocul\$)	161	<u>L4</u>	<u>L4</u>
<u>L3</u>	L2 and (immun\$ or response)	167	<u>L3</u>	<u>L3</u>
<u>L2</u>	L1 and ((Vibrio adj vulnificus) or (vulnificus))	174	<u>L2</u>	<u>L2</u>
<u>L1</u>	flagellin adj B or flaB or flagellin or flagel\$	8984	<u>L1</u>	<u>L1</u>

END OF SEARCH HISTORY